

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Top Landing		Ramp		Bottom Landing	
	Slope	Cross Slope	Slope	Cross Slope	Slope <sup>1</sup>	Cross Slope <sup>2</sup>
<b>Intersection - Direction</b>						
Arch St. & Liberty St. - N. E. Ramp	2.40%	3.07%	12.23%	1.83%	0.60%	0.20%
Arch St. & Liberty St. - S. E. Ramp: Crossing Arch St.	1.50%	4.87%	8.17%	6.20%	1.50%	4.40%
Arch St. & Liberty St. - S. E. Ramp: Crossing Liberty St.	0.23%	1.30%	8.87%	0.80%	0.40%	1.70%
Arch St. & Liberty St. - S. W. Ramp	0.37%	3.23%	2.27%	2.43%	2.90%	0.40%
Arch St. & Park Av. - N. E. Ramp	1.93%	4.63%	1.70%	5.03%	3.10%	0.30%
Arch St. & Park Av. - N. W. Ramp: Crossing Arch St.	5.63%	0.30%	10.30%	0.90%	4.10%	1.00%
Arch St. & Park Av. - N. W. Ramp: Crossing Park Ave.	1.27%	4.73%	0.87%	3.20%	3.50%	5.00%
Arch St. & Park Av. - S. E. Ramp	0.63%	1.70%	6.90%	2.33%	2.10%	5.30%
Arch St. & Park Av. - S. W. Ramp	0.33%	1.73%	8.40%	0.80%	0.80%	3.50%
Chestnut St. & Grove St. - N. E. Ramp	3.40%	1.67%	9.70%	1.87%	1.70%	3.30%
Chestnut St. & Grove St. - N. W. Ramp	2.37%	3.50%	2.33%	3.60%	8.70%	1.30%
Chestnut St. & Grove St. - S. E. Ramp	7.27%	1.77%	0.97%	125.30%	8.40%	4.40%
Chestnut St. & Grove St. - S. W. Ramp	8.50%	0.53%	21.53%	0.57%	4.20%	1.90%
Chestnut St. & Liberty St. - N. E. Ramp	26.40%	6.20%	9.67%	9.77%	9.00%	9.20%
Chestnut St. & Liberty St. - N. W. Ramp	9.80%	1.77%	21.47%	4.37%	2.30%	7.30%
Chestnut St. & Liberty St. - S. E. Ramp	4.40%	4.33%	17.73%	3.70%	0.10%	1.90%
Chestnut St. & Liberty St. - S. W. Ramp	5.90%	4.77%	7.97%	6.23%	1.70%	5.90%
Chestnut St. & Orchard Pl. - N. E. Ramp	3.03%	4.97%	12.17%	4.50%	3.40%	2.40%
Chestnut St. & Orchard Pl. - N. W. Ramp	#DIV/0!	#DIV/0!	10.40%	2.93%	1.40%	2.50%
Chestnut St. & West Diamond Pk. - N. E. Ramp	#DIV/0!	#DIV/0!	8.93%	1.53%	1.10%	2.60%
Chestnut St. & West Diamond Pk. - N. W. Ramp	#DIV/0!	#DIV/0!	5.17%	3.43%	8.10%	0.10%
Liberty St. & Center St. Ext. - N. E. Ramp	12.73%	1.03%	12.97%	1.27%	4.30%	0.40%
Liberty St. & Center St. Ext. - S. E. Ramp	12.60%	2.03%	11.93%	2.27%	0.30%	3.20%
Liberty St. & Clinton Ct. - N. E. Ramp	14.87%	1.10%	14.47%	2.47%	0.90%	3.50%
Liberty St. & Clinton Ct. - N. W. Ramp	14.03%	0.73%	13.83%	1.40%	1.40%	2.00%
Liberty St. & Clinton Ct. - S. E. Ramp	11.03%	0.93%	11.63%	1.13%	2.30%	1.60%
Liberty St. & Clinton Ct. - S. W. Ramp	11.40%	0.87%	10.53%	0.93%	3.50%	0.50%
Liberty St. & East Center St. - N. W. Ramp	13.33%	1.23%	12.37%	2.97%	0.60%	3.60%
Liberty St. & East Center St. - S. W. Ramp	11.43%	1.87%	12.43%	2.30%	2.10%	1.60%
Liberty St. & East Cherry St. - N. E. Ramp	13.67%	0.90%	15.67%	2.07%	4.60%	1.70%
Liberty St. & East Cherry St. - N. W. Ramp	9.97%	0.50%	9.90%	1.37%	7.10%	2.80%
Liberty St. & East Cherry St. - S. E. Ramp	13.43%	3.17%	13.90%	2.10%	2.60%	3.00%
Liberty St. & East Cherry St. - S. W. Ramp	16.20%	2.57%	14.80%	5.63%	0.00%	4.30%
Liberty St. & East Steers St. - N. E. Ramp	10.67%	1.10%	10.70%	1.10%	5.70%	3.20%
Liberty St. & East Steers St. - N. W. Ramp	9.90%	1.87%	9.63%	2.80%	5.20%	0.80%
Liberty St. & East Steers St. - S. E. Ramp	12.80%	3.03%	13.00%	3.33%	6.00%	3.00%
Liberty St. & Pine Al. - N. E. Ramp	2.70%	1.87%	10.40%	3.43%	0.40%	2.10%
Liberty St. & Pine Al. - S. E. Ramp	0.90%	1.40%	10.43%	3.87%	1.70%	2.00%

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Side Flares		Width of Ramp	Length of top land		Length of ramp	Length of bottom land		Year Paved
	Left	Right		A	B		C	D	
<b>Intersection - Direction</b>									
Arch St. & Liberty St. - N. E. Ramp	NA	18.80%	5' 8"	5' 4"	5' 4"	5' 5"	4'	5' 5"	1996
Arch St. & Liberty St. - S. E. Ramp: Crossing Arch St.	18.10%	NA	4' 5"	5' 10"	5' 10"	4'	4'	5'	1996
Arch St. & Liberty St. - S. E. Ramp: Crossing Liberty St.	16.90%	25.70%	4'	4'	4'	7' 8"	4'	4' 8"	1996
Arch St. & Liberty St. - S. W. Ramp	17.90%	NA	4' 7"	5' 6"	5' 6"	5' 7"	4'	4'	1996
Arch St. & Park Av. - N. E. Ramp	NA	NA	6'	4' 11"	4' 11"	5' 10"	4'	4'	1994
Arch St. & Park Av. - N. W. Ramp: Crossing Arch St.	NA	NA	4' 8"	6'	6'	3' 9"	4'	3' 9"	1994
Arch St. & Park Av. - N. W. Ramp: Crossing Park Ave.	NA	NA	4' 10"	5' 6"	5' 6"	7' 5"	4'	4'	1994
Arch St. & Park Av. - S. E. Ramp	NA	0.90%	4'	4'	4'	3'	4'	4'	1994
Arch St. & Park Av. - S. W. Ramp	4.60%	NA	4'	4'	4'	3' 5"	4'	4'	1994
Chestnut St. & Grove St. - N. E. Ramp	NA	NA	5' 7"	5'	5'	7' 6"	4'	3' 6"	1996
Chestnut St. & Grove St. - N. W. Ramp	NA	NA	6' 5"	6' 4"	6' 4"	6' 11"	4'	6' 10"	1996
Chestnut St. & Grove St. - S. E. Ramp	NA	NA	6'	6' 1"	6' 1"	4' 6"	4'	4' 6"	1996
Chestnut St. & Grove St. - S. W. Ramp	NA	NA	4' 10"	5' 9"	5' 9"	4' 7"	4'	4' 7"	1996
Chestnut St. & Liberty St. - N. E. Ramp	NA	NA	5'	7'	7'	8' 10"	4'	4' 5"	1994
Chestnut St. & Liberty St. - N. W. Ramp	NA	NA	6'	5' 9"	5' 9"	3' 3"	4'	5'	1994
Chestnut St. & Liberty St. - S. E. Ramp	NA	29.00%	6'	8'	8'	8'	4'	5'	1994
Chestnut St. & Liberty St. - S. W. Ramp	32.80%	17.90%	5'	7'	7'	6'	4'	5'	1994
Chestnut St. & Orchard Pl. - N. E. Ramp	NA	NA	4' 6"	6'	6'	10'	4'	4' 6"	1994
Chestnut St. & Orchard Pl. - N. W. Ramp	18.20%	17.90%	NA	NA	NA	7' 6"	4'	4'	1994
Chestnut St. & West Diamond Pk. - N. E. Ramp	NA	NA	NA	NA	NA	5' 10"	4'	4'	1994
Chestnut St. & West Diamond Pk. - N. W. Ramp	NA	NA	NA	NA	NA	8'	4'	4'	1993
Liberty St. & Center St. Ext. - N. E. Ramp	NA	NA	3' 8"	5' 8"	5' 8"	6' 7"	4'	3' 9"	1993
Liberty St. & Center St. Ext. - S. E. Ramp	NA	NA	3' 6"	5' 5"	5' 5"	5' 6"	4'	4'	*
Liberty St. & Clinton Ct. - N. E. Ramp	NA	NA	3' 8"	3' 9"	3' 9"	4' 3"	4'	4'	*
Liberty St. & Clinton Ct. - N. W. Ramp	NA	NA	3' 1"	4' 3"	4' 3"	4' 7"	4'	4'	*
Liberty St. & Clinton Ct. - S. E. Ramp	NA	NA	3' 2"	3' 10"	3' 10"	4' 3"	4'	3' 9"	*
Liberty St. & Clinton Ct. - S. W. Ramp	NA	NA	3'	3' 10"	3' 10"	4' 4"	4'	4'	*
Liberty St. & East Center St. - N. W. Ramp	NA	NA	3' 10"	4' 6"	4' 6"	4' 10"	4'	4'	*
Liberty St. & East Center St. - S. W. Ramp	NA	NA	3' 10"	3' 9"	3' 9"	4' 3"	4'	3' 10"	*
Liberty St. & East Cherry St. - N. E. Ramp	NA	NA	3' 10"	3' 10"	3' 10"	4' 6"	4'	4'	*
Liberty St. & East Cherry St. - N. W. Ramp	NA	NA	3' 3"	3' 9"	3' 9"	4' 2"	4'	3' 5"	*
Liberty St. & East Cherry St. - S. E. Ramp	NA	NA	3' 10"	3' 9"	3' 9"	4' 7"	4'	4'	*
Liberty St. & East Cherry St. - S. W. Ramp	NA	NA	4'	4' 6"	4' 6"	4' 10"	4'	4'	*
Liberty St. & East Steers St. - N. E. Ramp	NA	NA	3' 11"	3' 7"	3' 7"	4' 6"	4'	4'	*
Liberty St. & East Steers St. - N. W. Ramp	NA	NA	4'	4' 1"	4' 1"	4' 4"	4'	4' 2"	*
Liberty St. & East Steers St. - S. E. Ramp	NA	NA	3' 9"	3' 8"	3' 8"	3' 11"	4'	4'	*
Liberty St. & Pine Al. - N. E. Ramp	NA	NA	5' 10"	6'	6'	6'	4'	5' 10"	*
Liberty St. & Pine Al. - S. E. Ramp	NA	NA	5' 10"	8'	8'	5' 9"	4'	6'	*

\* The City is trying to get this date from PennDOT

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Street Intersection - Direction Location	Top Landing		Ramp		Bottom Landing	
	Slope	Cross Slope	Slope	Cross Slope	Slope	Cross Slope
<b>Intersection - Direction</b>						
Liberty St. & Pine Pl. - N. W. Ramp	1.33%	6.23%	16.80%	7.47%	0.10%	1.60%
Liberty St. & Pine Pl. - S. W. Ramp	0.30%	0.63%	5.83%	0.20%	7.40%	0.30%
Liberty St. & Poplar St. - N. E. Ramp	4.10%	5.27%	16.27%	1.87%	7.30%	0.60%
Liberty St. & Poplar St. - N. W. Ramp	#DIV/0!	#DIV/0!	10.03%	4.60%	5.40%	3.40%
Liberty St. & Poplar St. - S. E. Ramp	6.53%	1.50%	4.83%	2.07%	2.10%	2.30%
Liberty St. & Poplar St. - S. W. Ramp	#DIV/0!	#DIV/0!	15.43%	8.30%	0.90%	1.90%
Liberty St. & South St. - N. E. Ramp	2.90%	5.30%	5.80%	7.40%	12.10%	6.30%
Liberty St. & South St. - N. W. Ramp	8.47%	0.30%	5.17%	2.03%	10.10%	2.70%
Liberty St. & South St. - S. E. Ramp	10.20%	0.77%	16.40%	3.47%	8.40%	5.30%
Liberty St. & South St. - S. W. Ramp	11.03%	2.07%	20.07%	0.90%	7.20%	1.50%
Linden St. & South Cottage St. - N. E. Ramp	0.40%	0.97%	2.47%	0.63%	3.00%	0.00%
Linden St. & South Cottage St. - N. W. Ramp	0.67%	0.57%	2.33%	0.40%	7.40%	0.70%
North Main St. & Allegheny St. - N. W. Ramp	3.03%	4.60%	3.07%	3.53%	1.20%	3.10%
North Main St. & Allegheny St. - S. W. Ramp	0.37%	3.40%	3.20%	3.10%	3.80%	4.90%
North Main St. & Baldwin St. - N. W. Ramp	4.90%	2.47%	10.90%	3.70%	0.20%	3.20%
North Main St. & Baldwin St. - S. W. Ramp	4.53%	2.70%	7.97%	1.53%	7.90%	5.10%
North Main St. & Beech Al. - N. E. Ramp	5.90%	1.30%	7.87%	3.20%	5.20%	4.10%
North Main St. & Beech Al. - S. E. Ramp	5.60%	5.53%	3.33%	6.30%	4.90%	2.80%
North Main St. & Byllesby Ave. - N. E. Ramp	#DIV/0!	#DIV/0!	12.77%	2.93%	2.60%	3.60%
North Main St. & Byllesby Ave. - S. E. Ramp	0.57%	4.10%	7.13%	3.30%	8.80%	5.50%
North Main St. & East John St. - N. E. Ramp	0.47%	5.07%	1.20%	4.67%	2.80%	1.70%
North Main St. & East John St. - S. E. Ramp	0.77%	4.40%	2.83%	4.40%	1.70%	2.70%
North Main St. & Hecker St. - N. W. Ramp	3.17%	1.43%	1.83%	2.93%	4.00%	2.10%
North Main St. & Hecker St. - S. W. Ramp	2.77%	4.73%	1.77%	3.83%	0.40%	2.50%
North Main St. & Henry St. - N. E. Ramp	1.87%	3.60%	9.43%	3.93%	1.40%	4.70%
North Main St. & Henry St. - S. E. Ramp	2.03%	1.90%	2.90%	2.33%	0.80%	6.90%
North Main St. & Limber Rd. - N. E. Ramp	3.77%	5.87%	7.60%	5.93%	1.10%	6.60%
North Main St. & Limber Rd. - S. E. Ramp	2.47%	2.60%	10.27%	4.23%	1.30%	6.50%
North Main St. & Randolph St. - N. E. Ramp:	2.03%	0.53%	3.10%	0.23%	6.50%	1.50%
North Main St. & Randolph St. - N. E. Ramp:	0.53%	2.03%	6.03%	0.93%	5.70%	0.10%
North Main St. & Randolph St. - N. W. Ramp	1.73%	0.83%	8.17%	0.47%	6.30%	0.90%
North Main St. & Randolph St. - S. E. Ramp:	0.40%	1.17%	6.63%	0.77%	9.50%	1.00%
North Main St. & Randolph St. - S. E. Ramp:	1.17%	0.40%	4.70%	0.90%	8.00%	0.20%
North Main St. & Randolph St. - S. W. Ramp	0.83%	1.73%	3.70%	1.37%	4.10%	0.40%
North Main St. & Rose Lane - N. E. Ramp	0.90%	0.37%	9.83%	0.13%	0.80%	0.80%
North Main St. & Rose Lane - S. E. Ramp	1.37%	2.17%	10.63%	1.23%	1.20%	2.40%
Park Ave. & Allegheny St. - N. E. Ramp	#DIV/0!	#DIV/0!	9.83%	6.70%	2.10%	4.80%
Park Ave. & Allegheny St. - N. W. Ramp	1.13%	2.50%	6.63%	7.33%	3.20%	8.20%

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Street Intersection - Direction Location	Side Flares	Width of Ramp	Length of top land	Length of ramp	Length of bottom land	Year Paved
Intersection - Direction	Left	Right	A	B	C	AA
Liberty St. & Pine Pl. - N. W. Ramp	NA	NA	6'	6'	6'	5'
Liberty St. & Pine Pl. - S. W. Ramp	NA	NA	6'	5'	5' 2"	6'
Liberty St. & Poplar St. - N. E. Ramp	NA	NA	5' 9"	6'	3'	6'
Liberty St. & Poplar St. - N. W. Ramp	0.20%	6.20%	NA	NA	7'	4'
Liberty St. & Poplar St. - S. E. Ramp	NA	NA	6'	6'	6' 8"	6'
Liberty St. & Poplar St. - S. W. Ramp	16.20%	6.20%	NA	NA	6'	4' 5"
Liberty St. & South St. - N. E. Ramp	NA	NA	5' 10"	3'	4'	4'
Liberty St. & South St. - N. W. Ramp	NA	NA	5' 10"	6' 2"	2' 10"	4'
Liberty St. & South St. - S. E. Ramp	NA	NA	5' 6"	6'	7'	4' 6"
Liberty St. & South St. - S. W. Ramp	NA	NA	5' 7"	6'	3' 10"	4' 5"
Linden St. & South Cottage St. - N. E. Ramp	NA	NA	6'	6'	6' 10"	6'
Linden St. & South Cottage St. - N. W. Ramp	NA	NA	6'	5'	8'	6'
North Main St. & Allegheny St. - N. W. Ramp	NA	NA	8'	6'	6'	6'
North Main St. & Allegheny St. - S. W. Ramp	NA	NA	4' 8"	6'	4'	6'
North Main St. & Baldwin St. - N. W. Ramp	NA	NA	5' 6"	6'	7' 2"	5'
North Main St. & Baldwin St. - S. W. Ramp	NA	NA	6'	5'	4' 10"	6'
North Main St. & Beech Al. - N. E. Ramp	NA	NA	5' 9"	5' 5"	6'	4' 6"
North Main St. & Beech Al. - S. E. Ramp	NA	NA	5' 6"	6'	5' 6"	6'
North Main St. & Byllesby Ave. - N. E. Ramp	12.60%	14.00%	NA	NA	4' 5"	5'
North Main St. & Byllesby Ave. - S. E. Ramp	15.50%	21.50%	5' 8"	5'	4' 6"	4'
North Main St. & East John St. - N. E. Ramp	NA	NA	6'	6'	6' 10"	6'
North Main St. & East John St. - S. E. Ramp	NA	NA	5' 6"	6'	7' 6"	6'
North Main St. & Hecker St. - N. W. Ramp	NA	NA	5' 10"	5' 6"	7' 4"	5' 6"
North Main St. & Hecker St. - S. W. Ramp	NA	NA	5'	5'	4' 10"	4' 6"
North Main St. & Henry St. - N. E. Ramp	NA	NA	5' 9"	6'	8' 6"	4'
North Main St. & Henry St. - S. E. Ramp	NA	NA	6'	6'	6' 2"	5'
North Main St. & Limber Rd. - N. E. Ramp	NA	NA	5' 6"	6' 6"	5' 10"	5'
North Main St. & Limber Rd. - S. E. Ramp	NA	NA	5'	6' 2"	7' 6"	4' 6"
North Main St. & Randolph St. - N. E. Ramp	NA	NA	6'	5' 10"	23'	5'
North Main St. & Randolph St. - N. W. Ramp	NA	NA	5' 10"	6'	8' 2"	4' 6"
North Main St. & Randolph St. - S. E. Ramp	NA	NA	6'	6'	8'	5'
North Main St. & Randolph St. - S. W. Ramp	NA	NA	6'	6'	23' 6"	3' 5"
North Main St. & Rose Lane - N. E. Ramp	NA	NA	6'	6'	8' 6"	3' 6"
North Main St. & Rose Lane - S. E. Ramp	NA	NA	6'	6'	22'	5'
Park Ave. & Allegheny St. - N. E. Ramp	12.40%	7.10%	4' 10"	6'	3' 8"	4' 6"
Park Ave. & Allegheny St. - N. W. Ramp	NA	4.90%	NA	NA	5' 5"	4' 6"
	NA	NA	5' 5"	6'	6'	6'

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Street Intersection - Direction Location	Top Landing		Ramp		Bottom Landing	
	Slope	Cross Slope	Slope	Cross Slope	Slope <sub>1</sub>	Cross Slope <sub>2</sub>
<b>Intersection - Direction</b>						
Park Ave. & Allegheny St. - S. E. Ramp	#DIV/0!	#DIV/0!	13.17%	2.33%	1.00%	3.70%
Park Ave. & Allegheny St. - S. W. Ramp	3.87%	2.93%	11.27%	6.30%	1.40%	2.20%
Park Ave. & Pine St. - N. E. Ramp : Crossing Pine	3.77%	2.77%	0.40%	2.23%	2.30%	3.50%
Park Ave. & Pine St. - N. E. Ramp: Crossing Park Ave.	2.17%	1.57%	2.07%	1.10%	8.60%	1.00%
Park Ave. & Pine St. - N. W. Ramp: Crossing Park Ave.	1.30%	0.57%	1.17%	1.03%	5.70%	4.30%
Park Ave. & Pine St. - N. W. Ramp: Crossing Pine St.	#DIV/0!	#DIV/0!	4.00%	5.40%	10.40%	3.60%
Park Ave. & Pine St. - S. E. Ramp: Crossing Park Ave.	4.40%	0.80%	7.00%	1.87%	5.30%	2.00%
Park Ave. & Pine St. - S. E. Ramp: Crossing Pine	5.43%	2.47%	6.23%	0.40%	9.30%	1.10%
Park Ave. & Pine St. - S. W. Ramp: Crossing Park Ave.	3.47%	3.80%	3.57%	3.03%	1.50%	2.20%
Park Ave. & Pine St. - S. W. Ramp: Crossing Pine	2.47%	2.77%	3.70%	3.30%	4.10%	5.20%
Park Ave. & Poplar St. - N. E. Ramp: Crossing Park Ave.	0.20%	1.60%	9.50%	2.63%	1.80%	1.70%
Park Ave. & Poplar St. - N. E. Ramp: Crossing Poplar St.	0.53%	1.80%	4.73%	2.30%	2.10%	0.40%
Park Ave. & Poplar St. - N. W. Ramp: Crossing Park Ave.	1.30%	3.73%	9.30%	1.00%	0.00%	3.20%
Park Ave. & Poplar St. - N. W. Ramp: Crossing Poplar St.	2.37%	2.27%	9.50%	4.00%	2.90%	3.60%
Park Ave. & Poplar St. - S. E. Ramp: Crossing Park Ave.	0.40%	0.87%	2.10%	0.70%	2.10%	0.20%
Park Ave. & Poplar St. - S. E. Ramp: Crossing Poplar St.	4.67%	0.47%	8.50%	2.53%	6.70%	4.40%
Park Ave. & Poplar St. - S. W. Ramp: Crossing Park Ave.	1.40%	2.63%	1.93%	2.10%	8.70%	4.20%
Park Ave. & Poplar St. - S. W. Ramp: Crossing Poplar St.	2.27%	2.37%	8.07%	3.80%	5.90%	1.10%
Park Ave. & Vale St. - N. W. Ramp	3.17%	0.03%	4.60%	0.60%	0.40%	2.30%
Park Ave. & Vale St. - S. W. Ramp	1.43%	2.63%	2.57%	0.63%	6.50%	2.10%
Park Ave. & West Center St. - N. E. Ramp: Crossing Park Ave.	2.33%	0.57%	0.90%	1.77%	4.70%	3.40%
Park Ave. & West Center St. - N. E. Ramp: Crossing W. Center St.	1.37%	3.37%	3.30%	2.77%	2.80%	3.60%
Park Ave. & West Center St. - N. W. Ramp	1.70%	0.97%	12.50%	4.40%	1.00%	3.10%
Park Ave. & West Center St. - S. E. Ramp	1.63%	3.60%	1.30%	4.40%	0.50%	4.70%
Park Ave. & West Center St. - S. W. Ramp	1.30%	2.63%	2.13%	2.37%	1.10%	4.50%
Park Ave. & West Cherry - N. E. Ramp	1.90%	1.63%	10.23%	3.23%	4.00%	2.40%
Park Ave. & West Cherry - N. W. Ramp	#DIV/0!	#DIV/0!	3.40%	2.80%	4.10%	2.00%
Park Ave. & West Cherry - S. E. Ramp	2.13%	3.60%	6.13%	3.30%	2.40%	1.80%
Park Ave. & West Cherry - S. W. Ramp	2.83%	5.60%	2.67%	4.17%	1.20%	0.90%
Pine St. & Liberty St. - N. E. Ramp	0.63%	3.17%	7.97%	3.17%	6.40%	1.80%
Pine St. & Liberty St. - N. W. Ramp	3.17%	0.63%	6.50%	1.13%	4.40%	0.50%
Pine St. & Liberty St. - S. E. Ramp	1.47%	0.93%	3.20%	1.00%	2.30%	0.50%
Pine St. & Liberty St. - S. W. Ramp	0.97%	1.80%	5.63%	1.70%	0.90%	0.20%
Pine St. & South Main St. - N. E. Ramp: Crossing S. Main St.	0.80%	0.93%	5.97%	0.53%	2.20%	0.70%
Pine St. & South Main St. - N. W. Ramp: Crossing Pine St.	0.27%	1.00%	4.10%	1.07%	0.50%	0.40%
Pine St. & South Main St. - N. W. Ramp: Crossing S. Main St.	#DIV/0!	#DIV/0!	5.90%	0.43%	2.60%	0.10%
Pine St. & South Main St. - S. E. Ramp: Crossing S. Main St.	#DIV/0!	#DIV/0!	11.07%	1.17%	1.50%	0.50%
Pine St. & South Main St. - S. W. Ramp: Crossing Pine St.	0.97%	0.63%	6.67%	0.47%	0.60%	0.00%

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Side Flares		Width of Ramp	Length of top land		Length of ramp	Length of bottom land		Year Paved
	Left	Right		A	B		C	D	
<b>Intersection - Direction</b>									
Park Ave. & Allegheny St. - S. E. Ramp	6.30%	NA	NA	NA	NA	5' 5"	4'	6' 10"	1993
Park Ave. & Allegheny St. - S. W. Ramp	13.00%	NA	5' 9"	5' 8"	5' 1"	5' 3"	4'	4'	1993
Park Ave. & Pine St. - N. E. Ramp : Crossing Pine	NA	NA	6'	5' 1"	5' 1"	5' 7"	4'	5' 6"	*
Park Ave. & Pine St. - N. E. Ramp: Crossing Park Ave.	NA	NA	6'	6'	6'	4' 6"	4'	6'	*
Park Ave. & Pine St. - N. W. Ramp: Crossing Park Ave.	NA	NA	4'	4'	4'	5'	4'	4'	*
Park Ave. & Pine St. - N. W. Ramp: Crossing Pine St.	7.10%	7.10%	NA	NA	NA	8'	4'	4'	*
Park Ave. & Pine St. - S. E. Ramp: Crossing Park Ave.	NA	NA	6'	5' 1"	5' 1"	6' 2"	4'	4' 6"	*
Park Ave. & Pine St. - S. E. Ramp: Crossing Pine	NA	NA	6'	6'	6'	7' 11"	4'	6'	*
Park Ave. & Pine St. - S. W. Ramp: Crossing Park Ave,	NA	NA	5' 8"	6'	6'	4' 10"	4'	6'	*
Park Ave. & Pine St. - S. W. Ramp: Crossing Pine	NA	NA	6'	5'	5'	3'	4'	7'	*
Park Ave. & Poplar St. - N. E. Ramp: Crossing Park Ave.	NA	NA	5'	5'	5'	5' 9"	4'	5' 9"	1999
Park Ave. & Poplar St. - N. E. Ramp: Crossing Poplar St.	NA	6.50%	5' 8"	5' 9"	5' 9"	5' 6"	4'	6'	1999
Park Ave. & Poplar St. - N. W. Ramp: Crossing Park Ave.	NA	NA	5' 6"	6'	6'	2' 6"	4'	5' 6"	1999
Park Ave. & Poplar St. - N. W. Ramp: Crossing Poplar St.	NA	NA	6'	6'	6'	3' 10"	4'	6'	1999
Park Ave. & Poplar St. - S. E. Ramp: Crossing Park Ave.	NA	NA	6'	5' 4"	5' 4"	8' 4"	4'	6'	1999
Park Ave. & Poplar St. - S. E. Ramp: Crossing Poplar St.	NA	NA	6'	4' 10"	4' 10"	4' 8"	4'	4'	1999
Park Ave. & Poplar St. - S. W. Ramp: Crossing Park Ave.	NA	NA	6'	6'	6'	18'	4'	5'	1999
Park Ave. & Poplar St. - S. W. Ramp: Crossing Poplar St.	NA	NA	6'	6'	6'	21' 6"	4'	6'	1999
Park Ave. & Vale St. - N. W. Ramp	NA	NA	5'	6'	6'	21' 6"	4'	4'	2001
Park Ave. & Vale St. - S. W. Ramp	NA	NA	6'	6'	6'	15'	4'	6'	2001
Park Ave. & West Center St. - N. E. Ramp: Crossing Park Ave.	NA	NA	5'	6' 6"	6' 6"	5' 6"	4'	5'	*
Park Ave. & West Center St. - N. E. Ramp: Crossing W. Center St.	NA	NA	6'	6'	6'	6' 10"	4'	6'	*
Park Ave. & West Center St. - N. W. Ramp	NA	NA	4'	4'	4'	3'	4'	4'	*
Park Ave. & West Center St. - S. E. Ramp	NA	NA	5' 6"	4' 11"	4' 11"	5'	4'	6'	*
Park Ave. & West Center St. - S. W. Ramp	NA	NA	5'	5' 6"	5' 6"	5' 2"	4'	6'	*
Park Ave. & West Cherry - N. E. Ramp	NA	NA	6' 9"	6' 9"	6' 9"	6'	4'	3' 9"	*
Park Ave. & West Cherry - N. W. Ramp	3.00%	NA	NA	NA	NA	5' 5"	4'	5'	*
Park Ave. & West Cherry - S. E. Ramp	NA	NA	6'	6' 6"	6' 6"	3'	4'	5'	*
Park Ave. & West Cherry - S. W. Ramp	21.00%	NA	5' 6"	6'	6'	6' 6"	4'	5'	*
Pine St. & Liberty St. - N. E. Ramp	NA	NA	6'	5'	5'	12'	4'	5'	*
Pine St. & Liberty St. - N. W. Ramp	NA	NA	5'	6'	6'	23'	4'	4' 4"	*
Pine St. & Liberty St. - S. E. Ramp	NA	NA	6'	6'	6'	19'	4'	5' 6"	*
Pine St. & Liberty St. - S. W. Ramp	NA	NA	6'	4' 10"	4' 10"	8' 6"	4'	4' 4"	*
Pine St. & South Main St. - N. E. Ramp: Crossing S. Main St.	NA	NA	6'	6'	6'	7' 6"	4'	3' 6"	2001
Pine St. & South Main St. - N. W. Ramp: Crossing Pine St.	NA	NA	5' 6"	5'	5'	7' 10"	4'	5' 10"	2001
Pine St. & South Main St. - N. W. Ramp: Crossing S. Main St.	8.70%	6.30%	NA	NA	NA	6' 7"	4'	4'	2001
Pine St. & South Main St. - S. E. Ramp: Crossing S. Main St.	11.00%	11.00%	NA	NA	NA	6' 7"	4'	3' 6"	2001
Pine St. & South Main St. - S. W. Ramp: Crossing Pine St.	NA	NA	5' 9"	4' 10"	4' 10"	4' 9"	4'	7'	2001

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Top Landing		Ramp		Bottom Landing	
	Slope	Cross Slope	Slope	Cross Slope	Slope	Cross Slope
<b>Intersection - Direction</b>						
Pine St. & South Main St. - S. W. Ramp: Crossing S. Main St.	0.83%	0.43%	8.03%	0.37%	0.90%	4.70%
Pine St. & Spencer Al. - N. E. Ramp	0.93%	1.03%	8.43%	1.93%	0.20%	2.00%
Pine St. & Spencer Al. - N. W. Ramp	0.70%	0.47%	1.83%	1.23%	3.20%	3.10%
Poplar St. & East Al. - N. E. Ramp	2.47%	0.93%	-0.70%	0.80%	0.30%	1.00%
Poplar St. & East Al. - N. W. Ramp	0.93%	2.47%	2.27%	1.53%	1.80%	0.50%
Poplar St. & East Al. - S. E. Ramp	5.50%	3.67%	14.83%	3.87%	6.90%	1.60%
Poplar St. & East Al. - S. W. Ramp	3.67%	5.50%	12.10%	6.53%	1.70%	3.40%
South Main St. & Arch St. - N. E. Ramp: Crossing Arch St.	0.47%	1.13%	5.03%	0.93%	0.40%	4.50%
South Main St. & Arch St. - N. E. Ramp: Crossing S. Main St.	1.40%	0.83%	1.97%	1.20%	0.20%	0.80%
South Main St. & Arch St. - N. W. Ramp	2.57%	4.40%	3.80%	4.37%	1.40%	4.70%
South Main St. & Arch St. - S. E. Ramp: Crossing Arch St.	1.97%	3.87%	4.87%	0.93%	1.00%	0.50%
South Main St. & Arch St. - S. E. Ramp: Crossing S. Main St.	2.17%	1.13%	8.37%	0.80%	1.70%	1.90%
South Main St. & Arch St. - S. W. Ramp: Crossing Arch St.	1.70%	0.50%	2.73%	0.63%	4.20%	0.70%
South Main St. & Arch St. - S. W. Ramp: Crossing S. Main St.	1.27%	0.93%	7.03%	0.60%	1.20%	0.70%
South Main St. & Linden St. - S. W. Ramp: Crossing S. Main St.	0.47%	5.23%	5.23%	3.30%	0.70%	3.00%
South Main St. & Linden St. - N. E. Ramp: Crossing Linden St.	#DIV/0!	#DIV/0!	8.80%	0.60%	4.60%	1.70%
South Main St. & Linden St. - N. E. Ramp: Crossing S. Main St.	6.83%	1.37%	6.80%	0.83%	1.70%	0.20%
South Main St. & Linden St. - N. W. Ramp: Crossing Linden St.	0.33%	1.47%	3.40%	2.97%	0.60%	2.40%
South Main St. & Linden St. - S. E. Ramp: Crossing Linden St.	2.13%	2.80%	1.67%	2.67%	1.60%	0.30%
South Main St. & Linden St. - S. E. Ramp: Crossing S. Main St.	0.73%	4.43%	3.97%	4.97%	1.40%	1.50%
South Main St. & Linden St. - S. W. Ramp: Crossing Linden St.	1.37%	6.83%	7.30%	2.83%	1.80%	2.40%
South Main St. & Poplar St. - N. E. Ramp: Crossing Poplar St.	3.00%	0.63%	9.27%	1.30%	0.80%	0.60%
South Main St. & Poplar St. - N. E. Ramp: Crossing S. Main St.	2.43%	2.30%	11.43%	1.80%	4.10%	0.90%
South Main St. & Poplar St. - N. W. Ramp: Crossing Poplar St.	1.10%	3.70%	0.57%	1.40%	0.60%	0.20%
South Main St. & Poplar St. - N. W. Ramp: Crossing S. Main St.	1.80%	2.83%	0.83%	1.17%	1.40%	0.60%
South Main St. & Poplar St. - S. E. Ramp: Crossing Poplar St.	#DIV/0!	#DIV/0!	5.37%	1.80%	2.80%	1.40%
South Main St. & Poplar St. - S. E. Ramp: Crossing S. Main St.	#DIV/0!	#DIV/0!	5.97%	0.53%	6.00%	1.60%
South Main St. & Poplar St. - S. W. Ramp: Crossing Poplar St.	#DIV/0!	#DIV/0!	6.60%	1.13%	4.70%	0.40%
South Main St. & Poplar St. - S. W. Ramp: Crossing S. Main St.	#DIV/0!	#DIV/0!	0.43%	1.13%	3.00%	1.50%
State St. & Grove St. - S. E. Ramp	2.67%	1.40%	6.00%	1.73%	5.10%	1.10%
State St. & Grove St. - S. W. Ramp	1.40%	2.67%	5.80%	1.80%	2.50%	0.70%
State St. & Mohican Pl. - N. E. Ramp	0.27%	0.50%	3.87%	1.47%	0.10%	0.70%
State St. & Mohican Pl. - N. W. Ramp	#DIV/0!	#DIV/0!	9.03%	1.40%	0.80%	2.80%
State St. & Stewart St. - N. E. Ramp	0.60%	4.37%	2.97%	5.30%	0.50%	2.70%
State St. & Stewart St. - N. W. Ramp	#DIV/0!	#DIV/0!	4.40%	1.30%	0.50%	1.00%
Terrace St. & Spring St. - N. E. Ramp	4.33%	1.40%	6.20%	1.67%	5.00%	3.80%
Terrace St. & Spring St. - S. E. Ramp: Crossing Spring St.	3.57%	1.97%	8.10%	4.20%	5.30%	6.30%
Terrace St. & Spring St. - S. E. Ramp: Crossing Terrace St.	0.90%	3.50%	4.77%	6.37%	1.90%	9.20%

# Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Side Flares		Width of Ramp	Length of top land		Length of ramp	Length of bottom land		Year Paved
	Left	Right		A	B		C	D	
<b>Intersection - Direction</b>									
Pine St. & South Main St. - S. W. Ramp: Crossing S. Main St.	NA	NA	6'	4' 9"	4' 9"	8'	4'	4' 6"	2001
Pine St. & Spencer Al. - N. E. Ramp	13.50%	NA	5' 8"	5' 6"	5' 6"	3' 6"	4'	6"	*
Pine St. & Spencer Al. - N. W. Ramp	NA	NA	5' 10"	5' 10"	5' 10"	6' 1"	4'	5' 10"	*
Poplar St. & East Al. - N. E. Ramp	0.30%	NA	6'	4' 6"	4' 6"	3'	4'	5'	1996
Poplar St. & East Al. - N. W. Ramp		NA	4' 6"	6'	6'	5' 6"	4'	4'	1996
Poplar St. & East Al. - S. E. Ramp	15.00%	NA	4' 4"	3'	3'	3' 6"	4'	4'	1996
Poplar St. & East Al. - S. W. Ramp	NA	NA	3'	4' 4"	4' 4"	4'	4'	4'	1996
South Main St. & Arch St. - N. E. Ramp: Crossing Arch St.	6.90%	NA	5' 10"	5' 6"	5' 6"	6'	4'	5'	1996
South Main St. & Arch St. - N. E. Ramp: Crossing S. Main St.		NA	6'	7'	7'	13'	4'	5'	1996
South Main St. & Arch St. - N. W. Ramp	NA	NA	6'	7'	7'	7'	4'	4'	1996
South Main St. & Arch St. - S. E. Ramp: Crossing Arch St.	NA	NA	4'	2' 3"	2' 3"	6'	4'	4'	1996
South Main St. & Arch St. - S. E. Ramp: Crossing S. Main St.	NA	NA	4'	4'	4'	6'	4'	4'	1996
South Main St. & Arch St. - S. W. Ramp: Crossing Arch St.	NA	NA	6'	6'	6'	12'	4'	4'	1996
South Main St. & Arch St. - S. W. Ramp: Crossing S. Main St.	NA	NA	6'	7'	7'	6'	4'	4'	1996
South Main St. & Linden St. - N. E. Ramp: Crossing Linden St.	NA	NA	5' 6"	5' 8"	5' 8"	2' 10"	4'	4' 6"	1993
South Main St. & Linden St. - N. E. Ramp: Crossing S. Main St.	NA	NA	NA	NA	NA	7' 5"	4'	>4'	1993
South Main St. & Linden St. - N. W. Ramp: Crossing Linden St.	NA	NA	5'	4'	4'	3' 6"	4'	5'	1993
South Main St. & Linden St. - S. E. Ramp: Crossing Linden St.	NA	NA	6'	4'	4'	4'	4'	5'	1993
South Main St. & Linden St. - S. E. Ramp: Crossing S. Main St.	NA	NA	6'	5' 11"	5' 11"	6'	4'	6'	1993
South Main St. & Linden St. - S. W. Ramp: Crossing Linden St.	NA	NA	6'	6'	6'	6' 2"	4'	5'	1993
South Main St. & Linden St. - S. W. Ramp: Crossing S. Main St.	NA	NA	4'	5'	5'	4'	4'	4'	1993
South Main St. & Poplar St. - N. E. Ramp: Crossing Poplar St.	NA	NA	4'	4' 5"	4' 5"	5'	4'	4'	1999
South Main St. & Poplar St. - N. E. Ramp: Crossing S. Main St.	NA	NA	5'	6'	6'	5'	4'	4'	1999
South Main St. & Poplar St. - N. W. Ramp: Crossing Poplar St.	0.10%	NA	5'	4'	4'	4'	4'	5'	1999
South Main St. & Poplar St. - N. W. Ramp: Crossing S. Main St.	0.10%	NA	5'	4' 6"	4' 6"	6' 6"	4'	4' 5"	1999
South Main St. & Poplar St. - S. E. Ramp: Crossing Poplar St.	4.20%	-3.90%	NA	NA	NA	7'	4'	>4'	1999
South Main St. & Poplar St. - S. E. Ramp: Crossing S. Main St.	5.00%	-5.00%	NA	NA	NA	7'	4'	>4'	1999
South Main St. & Poplar St. - S. W. Ramp: Crossing Poplar St.	4.30%	-7.90%	NA	NA	NA	8'	4'	>4'	1999
South Main St. & Poplar St. - S. W. Ramp: Crossing S. Main St.	1.60%	-0.40%	NA	NA	NA	6'	4'	>4'	1999
State St. & Grove St. - S. E. Ramp	NA	NA	5'	5'	5'	4'	4'	4'	*
State St. & Grove St. - S. W. Ramp		NA	5'	5'	5'	4'	4'	4'	*
State St. & Mohican Pl. - N. E. Ramp		NA	6'	6'	6'	6'	4'	>4'	*
State St. & Mohican Pl. - N. W. Ramp		NA	NA	NA	NA	6'	4'	5'	*
State St. & Stewart St. - N. E. Ramp		NA	6'	6'	6'	6'	4'	5'	*
State St. & Stewart St. - N. W. Ramp		-3.70%	NA	NA	NA	6'	4'	5'	*
Terrace St. & Spring St. - N. E. Ramp	NA	NA	5' 8"	6'	6'	7'	4'	>4'	1996
Terrace St. & Spring St. - S. E. Ramp: Crossing Spring St.	NA	NA	6'	3' 6"	3' 6"	5' 5"	4'	4' 6"	1996
Terrace St. & Spring St. - S. E. Ramp: Crossing Terrace St.	NA	NA	5'	4'	4'	4'	4'	3' 6"	1996

\* The City is trying to get this date from PennDOT

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Top Landing		Ramp		Bottom Landing	
	Slope	Cross Slope	Slope	Cross Slope	Slope	Cross Slope
<b>Intersection - Direction</b>						
Terrace St. & Spring St. - S. W. Ramp	4.23%	0.33%	13.50%	2.10%	0.20%	5.70%
Walnut St. & Liberty St. - N. E. Ramp: Crossing Liberty St.	1.33%	1.37%	1.73%	2.17%	2.40%	1.30%
Walnut St. & Liberty St. - N. E. Ramp: Crossing Walnut St.	0.63%	0.47%	4.87%	0.93%	1.20%	3.20%
Walnut St. & Liberty St. - N. W. Ramp: Crossing Walnut St.	1.70%	3.20%	1.70%	3.73%	4.00%	0.50%
Walnut St. & Liberty St. - N. W. Ramp: Crossing Liberty St.	1.57%	3.07%	7.53%	4.37%	0.10%	0.10%
Walnut St. & Liberty St. - S. E. Ramp: Crossing Liberty St.	5.13%	2.10%	6.43%	0.73%	0.50%	1.90%
Walnut St. & Liberty St. - S. E. Ramp: Crossing Walnut St.	2.03%	2.00%	4.07%	3.87%	0.30%	3.40%
Walnut St. & Liberty St. - S. W. Ramp: Crossing Liberty St.	2.80%	0.90%	8.07%	1.80%	1.90%	2.40%
Walnut St. & Liberty St. - S. W. Ramp: Crossing Walnut St.	1.63%	0.97%	4.97%	1.23%	3.70%	2.20%
Washington St. & Penn Al. - S. E. Ramp	#DIV/0!	#DIV/0!	1.60%	5.30%	5.60%	7.50%
Washington St. & Penn Al. - S. W. Ramp	#DIV/0!	#DIV/0!	2.27%	0.53%	6.10%	5.70%
Washington St. & Penn St. - S. E. Ramp	5.17%	5.67%	11.33%	4.27%	4.00%	1.90%
Washington St. & Penn St. - S. W. Ramp	#DIV/0!	#DIV/0!	9.27%	6.57%	4.10%	4.50%
Washington St. & State St. - N. Ramp: Crossing State St.	#DIV/0!	#DIV/0!	4.67%	2.80%	3.00%	3.80%
Washington St. & State St. - N. Ramp: Crossing Washington	#DIV/0!	#DIV/0!	3.13%	2.17%	1.00%	3.40%
Washington St. & State St. - S. Ramp: Crossing State St.	#DIV/0!	#DIV/0!	9.27%	0.80%	4.60%	6.00%
Washington St. & State St. - S. Ramp: Crossing Washington	4.67%	5.33%	7.43%	5.10%	7.70%	2.80%

## Listing of Projects Completed After January 26, 1992 by PennDOT

Street Intersection - Direction Location	Side Flares		Width of Ramp	Length of top land		Length of ramp	Length of bottom land	Year Paved
	Left	Right		A	B			
<b>Intersection - Direction</b>								
Terrace St. & Spring St. - S. W. Ramp		NA	6'	6'	6'	5'	4'	1996
Walnut St. & Liberty St. - N. E. Ramp: Crossing Liberty St.	NA	NA	6'	5'2"	4'	6'	4'	*
Walnut St. & Liberty St. - N. E. Ramp: Crossing Walnut St.	NA	NA	5'3"	4'5"	4'	8'	4'	*
Walnut St. & Liberty St. - N. W. Ramp: Crossing Walnut St.	NA	NA	5'4"	5'	4'	5'6"	4'	*
Walnut St. & Liberty St. - N. W. Ramp: Crossing Liberty St.	NA	NA	4'	3'8"	2'	10'	4'	*
Walnut St. & Liberty St. - S. E. Ramp: Crossing Liberty St.	NA	NA	6'	6'	4'	3'3"	>4'	*
Walnut St. & Liberty St. - S. E. Ramp: Crossing Walnut St.	NA	NA	6'	6'	4'	3'7"	>4'	*
Walnut St. & Liberty St. - S. W. Ramp: Crossing Liberty St.	NA	NA	5'9"	6'	4'	3'6"	4'	*
Walnut St. & Liberty St. - S. W. Ramp: Crossing Walnut St.	NA	NA	6'	4'9"	4'	4'9"	4'	*
Washington St. & Penn Al. - S. E. Ramp	NA	NA	NA	NA	4'	8'	4'	*
Washington St. & Penn Al. - S. W. Ramp	NA	NA	NA	NA	NA	8'	4'	*
Washington St. & Penn St. - S. E. Ramp	NA	NA	4'	3'9"	4'	6'3"	4'	*
Washington St. & Penn St. - S. W. Ramp	NA	NA	NA	NA	NA	7'	4'	*
Washington St. & State St. - N. Ramp: Crossing State St.	8.80%	-2.00%	NA	NA	NA	7'	4'	*
Washington St. & State St. - N. Ramp: Crossing Washington	NA	NA	NA	NA	NA	6'	4'	*
Washington St. & State St. - S. Ramp: Crossing State St.	9.10%	NA	NA	NA	NA	6'6"	4'	*
Washington St. & State St. - S. Ramp: Crossing Washington	NA	NA	6'	6'	4'	4'4"	4'	*